

12 MAY 2005  
Rec'd PCT  
(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
24 June 2004 (24.06.2004)

PCT

(10) International Publication Number  
WO 2004/052227 A3

(51) International Patent Classification<sup>7</sup>: A61K 31/409,  
31/555

(21) International Application Number:  
PCT/US2003/038678

(22) International Filing Date: 5 December 2003 (05.12.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/431,401 6 December 2002 (06.12.2002) US

(71) Applicant (for all designated States except US): ALCON,  
INC. [CH/CH]; Bösch 69, P. O. Box 62, CH-6331 Hünen-  
berg (CH).

(72) Inventors; and

(75) Inventors/Applicants (for US only): KLIMKO, Peter,  
G. [US/US]; 2115 Pembroke Drive, Fort Worth, TX 76110  
(US). COLLIER, Robert, J. [US/US]; 3701 Big Bear  
Lake Drive, Arlington, TX 76016 (US). HELLBERG,  
Mark, R. [US/US]; 3002 Oak Cove Road, Arlington, TX  
76017 (US).

(74) Agents: SCHULTZ, Teresa, J. et al.; Alcon Research,  
Ltd., R & D Counsel, Q-148, 6201 South Freeway, Fort  
Worth, TX 76134-2099 (US).

(81) Designated States (national): AE, AG, AL, AM, AT, AU,  
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,

CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE,  
GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,  
KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK,  
MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT,  
RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR,  
TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): European patent (AT, BE,  
BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU,  
IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR).

Declaration under Rule 4.17:

— as to applicant's entitlement to apply for and be granted  
a patent (Rule 4.17(ii)) for the following designations AE,  
AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA,  
CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG,  
ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP,  
KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL,  
PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR,  
TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, European  
patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR,  
GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR)

Published:

— with international search report

(88) Date of publication of the international search report:  
31 March 2005

For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: SUPEROXIDE DISMUTASE MIMICS FOR THE TREATMENT OF OCULAR DISORDERS AND DISEASES

(57) Abstract: The use of SOD mimics, particularly Mn(III) porphyrin complexes, for the treatment of AMD, DR, and retinal edema is disclosed.

WO 2004/052227 A3